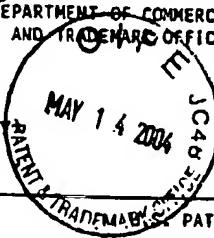


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March 12, 1999GROUP
3737

PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
RM	AA	3 6 3 8 6 4 0	02/1972	Shaw			
	AB	4 2 8 1 6 4 5	08/1981	Jobsis			
	AC	4 5 1 5 1 6 5	05/1985	Carroll			
	AD	4 9 3 7 5 2 6	06/1990	Ehman et al.			
	AE	4 9 4 0 4 5 3	07/1990	Cadwell			
	AF	5 0 8 8 4 9 3	02/1992	Giannini et al.			
	AG	5 0 9 0 4 1 5	02/1992	Yamashita et al.			
	AH	5 1 4 3 0 8 1	09/1992	Young et al.			
	AI	5 1 5 8 0 9 0	10/1992	Waldman et al.			
	AJ	5 2 1 8 9 6 2	06/1993	Mannheimer et al.			
RM	AK	5 2 8 7 2 7 6	02/1994	Crawford et al.			

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
RM	AL	43 03 047 A	08/1994	Germany				
	AM	WO 88/01485	03/1988	WIPO				
	AN	WO 92/20273	11/1992	WIPO				
	AO	WO 93/25145	12/1993	WIPO				
	AP	WO 95/02987	02/1995	WIPO				
RM	AQ	WO 96/20638	07/1996	WIPO				

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

RM	AR	PCT International Search Report Int'l Appln. No. PCT/US97/16309, mailed February 10, 1998 (9 pp)
RM	AS	Apicella et al., "Fast multi-modality image matching", SPIE, Vol. 1092, pp. 252-263, 1989

EXAMINER

DATE CONSIDERED

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
RM	BA	5 4 0 2 7 7 8	04/1995	Chance			
RM	BB	5 4 3 1 1 7 0	07/1995	Mathews			

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

RM	BC	Arridge, "The Forward and Inverse Problems in Time Resolved Infra-Red Imaging", Medical Optical Tomography: Functional Imaging and Monitoring", SPIE Optical Engineering Press, Vol. IS11, pp. 35-64, 1993
	BD	Benaron et al., "A Medical Perspective at the Threshold of Clinical Optical Tomography", Medical Optical Tomography: Functional Imaging and Monitoring", SPIE Optical Engineering Press, Vol. IS11, pp. 3-9, 1993
	BE	Colak et al., "Optical Back Projection Tomography in Heterogeneous Diffusive Media", Advances in Optical Imaging and Photon Migration, TOPS (Trends in Optics & Photonics Series), Vol. 2, pp. 282-289, March 1996
	BF	Feng et al., "Analytical perturbation theory of photon migration in the presence of a single absorbing or scattering defect sphere", SPIE, Vol. 2389, pp. 54-63, 1995
	BG	Hajnal et al., "Artifacts Due to Stimulus Correlated Motion in Functional Imaging of the Brain", MRM, pp. 283-291, 1994
	BH	Hoshi et al., "Detection of dynamic changes in cerebral oxygenation coupled to neuronal function during mental work in man", Neuroscience Letters, Vol. 150, pp. 5-8, 1993
	BI	Maki et al., "Spatial and temporal analysis of human motor activity using noninvasive NIR topography", Med. Phys., Vol. 22, No. 12, pp. 1997-2005, 1995
	BJ	Matcher et al., "Absolute quantification methods in tissue near infrared spectroscopy", SPIE, Vol. 2389, pp. 486-495, 1995
	BK	Nioka et al., "Optical Imaging of Breast Tumors with Various Methods", Oxygen Transport to Tissue, Vol. XVIII, pp. 227-232, 1997
	BL	Oda et al., "Non-Invasive Hemoglobin Oxygenation Monitor and Computerized Tomography of NIR Spectrophotometry", SPIE, Vol. 1431, p. 204, 1991
RM	BM	Ogawa et al., "The Sensitivity of Magnetic Resonance Image Signals of a Rat Brain to Changes in the Cerebral Venous Blood Oxygenation", Magnetic Resonance in Medicine, Vol. 29, pp. 205-210, 1993

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OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

14	CA	Pelizzari et al., "Accurate Three-Dimensional Registration of CT, PET and/or MR Images of the Brain", J. Computer Assisted Tomography, Vol. 13, No. 1, pp. 20-26, 1989
14	CB	Polishchuk et al., "Non-Euclidean diffusion and 'Fermat' photons in turbid media", SPIE, Vol. 2389, pp. 6-9, 1995
14	CC	Sevick et al., "The physical basis of biomedical optical imaging using time-dependent measurements of photon migration in the frequency-domain", Medical Optical Tomography: Functional Imaging and Monitoring, SPIE, Optical Engineering Press, Vol. 1511, pp. 485-512, 1993
14	CD	Sevick et al., "Quantitation of Time-and Frequency-Resolved Optical Spectra for the Determination of Tissue Oxygenation", Analytical Biochem., 195:330-351, 1991
14	CE	Singer et al., "Image Reconstruction of the Interior of Bodies that Diffuse Radiation", Science, Vol. 228, pp. 990-993, 1990
14	CF	Woods et al., "Rapid Automated Algorithm for Aligning and Reslicing PET Images", J. Computer Assisted Tomography, Vol. 16, No. 4, pp. 620-633, 1992
	CG	
	CH	
	CI	
	CJ	
	CK	
	CL	
	CN	

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